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## Index to recent Literature relating to American Botany

- Abrams, L. R.** Additions to the Flora of Los Angeles County, II. Bull. So. Cal. Acad. Sci. **2**: 157, 158. 26 Ja 1903.
- Allison, A.** The Occurrence of certain Tropical Plants in Mississippi. Proc. Biol. Soc. Wash. **15**: 195. 10 O 1902.
- Allison, A.** The Occurrence of *Cardiospermum Halicacabum* Linn. in Louisiana. Proc. Biol. Soc. Wash. **15**: 247. 16 D 1902.
- Anthony, E. C.** Notes on the Ferns of the Florida East Coast. Fern Bull. **11**: 21-23. Ja 1903.
- Armstrong, C.** Plant Names Commemorative of Ohio Botanists. Ohio Nat. **1**: 33-38. Ja 1901.
- Arthur, J. C.** Cultures of Uredineae in 1902. Bot. Gaz. **35**: 10-23. 20 Ja 1903.
- Arthur, J. C.** Problems in the Study of Plant Rusts. Bull. Torrey Club, **30**: 1-18. 4 F 1903.
- Atkinson, G. F.** Preliminary Notes on Two New Genera of Basidiomycetes. Jour. Mycol. **8**: 106, 107. 14 O 1902.  
*Tremellodendron*, based upon *Merisma candida* Schw., and *Eocronartium*.
- Atkinson, G. F.** Preliminary Notes on some New Species of Fungi. Jour. Mycol. **8**: 110-119. 14 O 1902.  
New species in *Agaricus*, *Amanita* (2), *Amanitopsis*, *Boletus* (2), *Collybia*, *Ec-cilia* (3), *Nolanea*, *Hygrophorus*, *Lepiota* (4), *Pleurotus*, *Pluteus*, *Polyporus* (2), *Stropharia*, *Hydnum* and *Lachnocladium*.
- Atkinson, G. F.** A New Species of *Calostoma*. Jour. Mycol. **9**: 14-17. 14 F 1903.  
*C. microsporum*, from Tennessee.
- Baker, C. F.** A Revision of Elephantopaeae.—I. Trans. Acad. Sci. St. Louis, **12**: 43-56. pl. 9. 20 My 1902.
- Barbour, W. C.** A Good Collecting Ground. Bryologist, **5**: 78. S 1902.
- Barbour, W. C.** *Radula*. Bryologist, **5**: 46, 47. My 1902; 92-94. N 1902. [Illust.]
- Berry, E. W.** Insect Visitors of *Scrophularia leporella* Bicknell. Torrey, **3**: 8, 9. 26 Ja 1903.
- Bescherelle, E.** Les récoltes bryologiques de Paul Maury au Mexique. Jour. de Bot. **15**: 380-388. N 1901.  
New species in *Ceratodon*, *Leptochlaena*, *Brachymenium* and *Microthamnium*.

- Bescherelle, E.** Note sur les Mousses nouvelles récoltées a la Guadeloupe et a la Martinique par le R. P. Duss. Jour. de Bot. **16**: 6-11. Ja 1902.  
New species in *Leucobryum*, *Conomitrium*, *Brachymenium* (2), *Distichophyllum* (2), *Hookeria*, *Pilotrichidium*, *Rhaphidostegium*, *Taxithelium* and *Stereophyllum*.
- Bessey, C. E.** Twenty Native Forest Trees of Nebraska. Forester, **7**: 314-319. f. 1-5. D 1901.
- Billings, F. H.** Beiträge zur Kenntniss der Samenentwicklung. Flora, **89**: 253-318. f. 1-100. 20 My 1901.
- Billings, F. H.** Chalazogamy in *Carya olivaeformis*. Bot. Gaz. **35**: 134, 135. 24 F 1903. [Illust.]
- Bissell, C. H.** A Botanical Trip to Salisbury, Connecticut. Rhodora, **5**: 32-35. 31 Ja 1903.
- Bissell, C. H.** *Lycopodium clavatum* and its Variety. Rhodora, **5**: 39, 40. 31 Ja 1903.
- Bray, W. L.** Texas Forests and the Problem of Forest Management for the Longleaf Pine Lands. Forester, **7**: 131-138. f. 1-6. Je 1901.
- Britton, E. G.** *Physcomitrium turbinatum* and its Varieties. Jour. N. Y. Bot. Gard. **2**: 72. My 1901.
- Britton, E. G.** *Sematophyllum recurvans*. Bryologist, **6**: 1-3. pl. 1. Ja 1903.
- Britton, N. L.** Report by the Director-in-chief on his Recent Trip to the West Indies. Jour. N. Y. Bot. Gard. **2**: 161-166. N 1901.
- Britton, N. L.** An Undescribed *Eleocharis* from Pennsylvania. Torrey, **3**: 23, 24. f. 1, 2. 19 F 1903.  
*E. Smallii* sp. nov.
- Bruncken, E.** Dying Oaks in Southern Wisconsin. Forester, **7**: 96. Ap. 1901.
- Bubák, F.** Zwei neue Pilze aus Ohio. Jour. Mycol. **9**: 1-3. 14 F 1903.  
*Stannaria* ——— and *Cercospora Kellermani* sp. nov.
- Buchheister, J. C.** Notes from the Catskills. Fern Bull. **11**: 15, 16. Ja 1903.
- Burr, H. G.** Plant Study at Sandusky Bay. Ohio Nat. **1**: 93, 94. Ap 1901.
- Burr, H. G.** Ohio Plants with Dissected Leaves. Ohio Nat **3**: 314-316. N 1902.
- Burr, H. G.** Compass Plants of Ohio. Ohio Nat. **3**: 333. D 1902.

- Carrier, J. C.** La flore de l'Ile de Montreal, Canada. Bull. Acad. Internat. Géogr. Bot. **10**: 166-173. 1 Jl 1901; 228-232. 1 O 1901; 281-283. 1 D 1901; **11**: 22. 1 F 1902: 79, 80. 1 Mr 1902; 188. 1 Jl 1902.
- Castle, W. E.** Mendel's Law of Heredity. Proc. Am. Acad. Arts and Sci. **38**: 535-548. Ja 1903.
- Chamberlain, L. S.** Plants used by the Indians of Eastern North America. Am. Nat. **35**: 1-10. Ja 1901.
- Cheney, L. S.** The Red Mulberry in Wisconsin. Pharm. Rev. **19**: 117. Mr 1901.
- Chodat, R. & Hassler, E.** Plantae Hasslerianae, soit énumération des plantes récoltées au Paraguay. Seconde partie. Bull. Herb. Boissier, II. **3**: 50-66. 30 D 1902.  
Includes new species in *Polygala* and *Morrenia*.
- Christ, H.** Une Fougère nouvelle. Bull. Herb. Boissier, II. **1**: 1120. 31 O 1901.  
*Aspidium* (*Polystichum*) *Münchii* sp. nov., from Mexico.
- Christ, H.** Filices Novae. Bull. Herb. Boissier, II. **3**: 147, 148. 31 Ja 1903.  
*Polypodium Munchii* sp. nov. and *Athyrium Pumilio* sp. nov., from Mexico.
- Christensen, C.** New Ferns from Brazil. Bot. Tidsskr. **25**: 77-81. 27 D 1902.  
Includes new species and varieties in *Polypodium* (2), *Cyclodium*, *Asplenium*, and *Lindsaya*.
- Claasen, E.** On *Discelium nudum* Bridel. Ohio Nat. **3**: 361. Ja 1903.
- Claasen, E.** An Enumeration of the Plants growing on a big Erratic Boulder. Ohio Nat. **3**: 362. Ja 1903.
- Clements, F. E.** Nova Ascomycetum Genera Speciesque. Bull. Torrey Club, **30**: 83-94. 28 F 1903.  
Thirty-three new species in twenty-five genera, five of them new: *Tichosporium*, *Psilotheceum*, *Ophiogloea*, *Scytopezis*, and *Heteroplegma*.
- Clinton, G. P.** North American Ustilagineae. Jour. Mycol. **8**: 128-156. 14 O 1902.  
Includes new species and varieties in *Ustilago* (5), *Cintractia*, *Thecaphora*, *Tilletia*, *Urocystis* and *Burrillia*.
- Clute, W. N. & Cocks, R. S.** The Fern Flora of Louisiana. Fern Bull. **11**: 1-5. Ja 1903.
- Clute, W. N.** Fernwort Notes.—I. Fern Bull. **11**: 12-15. Ja 1903.
- Clute, W. N.** The Cultivation of our Hardy Ferns. Fern Bull. **11**: 18-21. Ja 1903.

- Cockerell, T. D. A. Nomenclatural Note. *Torreya*, 1: 83, 84. 13 J1 1901.
- Cockerell, T. D. A. A New Oak. *Torreya*, 3: 7, 8. 26 Ja 1903.  
*Quercus Rydbergiana* sp. nov., from New Mexico.
- Cocks, R. S. *Equisetum robustum* — A. Br. 1844. *Fern Bull.* 11: 16, 17. Ja 1903.
- Coker, W. C. Selected Notes. *Bot. Gaz.* 35: 135-138. f. 1-6. 24 F 1903.
- Collins, F. S. The Ulvaceae of North America. *Rhodora*, 5: 1-31. pl. 41-43. 31 Ja 1903.
- Collins, G. N. Dimorphism in the Shoots of the Ginkgo. *Plant World*, 6: 9-11. pl. 3. Ja 1903.
- Cook, M. T. The Development of the Embryo-sac and Embryo of *Claytonia Virginica*. *Ohio Nat.* 3: 349-353. f. 1-22. Ja 1903.
- Crockett, A. L. A Moss? *Bryologist*, 5: 98. N 1902.
- Curtis, C. C. Second Flowering of the Tulip-tree. *Jour. N. Y. Bot. Gard.* 2: 136-138. S 1901.
- Davidson, A. *Scrophularia glabrata*, sp. nov. *Bull. So. Cal. Acad. Sci.* 1: 25, 26. f. 3. 3 Mr 1902.
- Davis, B. M. The Evolution of Sex in Plants. *Pop. Sci. Mo.* 62: 300-309. f. 1-4. F 1903.
- Dean, A. L. Experimental Studies on Inulose. *Bot. Gaz.* 35: 24-35. 20 Ja 1903.
- De Vries, H. On Atavistic Variation in *Oenothera cruciata*. *Bull. Torrey Club*, 30: 75-82. 28 F 1903. [Illust.]
- Dresbach, M. Moulds Injurious to Foods. *Ohio Nat.* 2: 288, 289. Je 1902.
- Dufour, A. Climbing Plants of Ohio. *Ohio Nat.* 2: 197-200. F 1902.
- Durand, E. J. Studies in North American Discomycetes. I. The Genus *Holwaya* Sacc. *Bull. Torrey Club*, 28: 349-355. pl. 26. 19 Je 1901.
- Durand, E. J. The Genus *Angelina*. *Jour. Mycol.* 8: 108, 109. 14 O 1902.
- Earle, F. S. Report on a Collecting Trip to Western Texas and New Mexico. *Jour. N. Y. Bot. Gard.* 3: 137-139. J1 1902.
- Earle, F. S. Health and Disease in Plants. *Jour. N. Y. Bot. Gard.* 3: 195-202. f. 26. N 1902.

- Earle, F. S.** Report on a Trip to Jamaica. Jour. N. Y. Bot. Gard. 4: 1-10. Ja 1903.
- Earle, F. S.** A Key to the North American Species of *Cortinarius*.—  
I. Torrey, 2: 169-172. 25 N 1902;—II. Torrey, 2: 180-183. 8 Ja 1903.
- Earle, F. S.** A Key to the North American Species of *Stropharia*. Torrey, 3: 24, 25. 19 F 1903.
- Eaton, A. A.** The Genus *Equisetum* in North America. Twelfth Paper. Fern Bull. 11: 7-12. Ja 1903.  
Includes description of *E. Funstoni* sp. nov., with four named forms.
- Ellis, J. B. & Bartholomew, E.** New Species of Fungi from Various Localities. Jour. Mycol. 8: 173-178. 20 D 1902.  
Twenty-three new species in nineteen genera, including *Stachybotryella* gen. nov.
- Ellis, J. B. & Kellerman, W. A.** A New Species of *Phyllosticta*. Ohio Nat. 2: 223. Mr 1902; 262. Ap 1902.  
*P. alcides* sp. nov.
- Evans, A. W.** Hepaticae of Puerto Rico — II. *Drepanolejeunia*. Bull. Torrey Club, 30: 19-41. pl. 1-6. 4 F 1903.  
Includes descriptions of four new species.
- Fawcett, W.** Elementary Notes on Jamaica Plants, VI. Bull. Dept. Agr. Jamaica, 1: 18-20. pl. 8. Ja 1903.
- Flett, J. B.** Variations in the Habitat of Two Ferns. Fern Bull. 11: 17. Ja 1903.
- Galloway, B. T.** Applied Botany, Retrospective and Prospective. Proc. Am. Assoc. Adv. Sci. 51: 463-480. 1902.
- Gleason, H. A.** Notes on some Southern Illinois Plants. Torrey, 3: 1-3. 26 Ja 1903.
- Graves, F. M.** *Schwalbea Americana* in Connecticut. Rhodora, 5: 40. 31 Ja 1903.
- Greata, L. A.** Tribal Character in the Separation of the Style-branches in the Compositae. Bull. So. Cal. Acad. Sci. 1: 125-127. 28 O 1902.
- Greene, E. L.** Two New Erigerons. Bull. So. Cal. Acad. Sci. 1: 39. 3 Ap 1902.  
*E. fragilis* and *E. striatus* sp. nov.
- Greene, E. L.** Five New *Ranunculi*. Ottawa Nat. 16: 32-34. 8 Ap 1902.
- Greene, E. L.** Some New Acaulescent Violets. Pittonia, 5: 29-32. 9 S 1902; 33. 18 S 1902.  
Eight new species.

- Greene, E. L.** Revision of *Romanzoffia*. Pittonia, 5: 34-42. 18 S 1902.  
Includes descriptions of 8 new species.
- Greene, E. L.** Revision of *Capnorea*. Pittonia, 5: 42-52. 18 S 1902.  
Includes descriptions of 10 new species.
- Greene, E. L.** New Species of *Cryptanthus*. Pittonia, 5: 53-55. 18 S 1902.  
Five new species.
- Grout, A. J.** The Peristome, II. Bryologist, 5: 53, 56. Jl 1902; III. Bryologist, 5: 73, 74. pl. 6. S 1902; IV. Bryologist, 5: 94, 95. N 1902.
- Grout, A. J.** Scientific Names and their Changes, with special reference to the Mosses. Bryologist, 5: 50, 51. My 1902; II. Bryologist, 5: 95-97. N 1902.
- Grout, A. J.** A New Habitat for *Schistostega*. Bryologist, 5: 103. N 1902.
- Grout, A. J.** *Orthotrichum*. Bryologist, 6: 4-13. pl. 2-6 + f. 1-3. Ja 1903.
- Grout, A. J.** Leaves of the Skunk Cabbage. Torreya, 3: 6. 26 Ja 1903.
- Guillet, C.** On the Autumn Flowering of various Wild Plants in 1900. Ottawa Nat. 15: 123-126. 6 Jl 1901.
- Hackel, E.** Neue Gräser. Oesterr. Bot. Zeits. 51: 149-153. My 1901; 193-199. Je 1901; 233-241. Jl 1901; 290-295. Au 1901; 329-336. S 1901; 366-374. O 1901; 426-431. N 1901; 457-467. D 1901.  
Includes new American species in *Andropogon* (2), *Paspalum* (14), *Panicum* (19), *Ichnanthus*, *Setaria* and *Olyra*.
- Hackel, E.** Neue Gräser. Oesterr. Bot. Zeits. 52: 8-15. Ja 1902; 55-62. F 1902; 107-110. Mr 1902; 187-194. My 1902; 237-240. Je 1902; 273-276. Jl 1902; 303-310. Au 1902; 373-381. O 1902; 450-454. N 1902.  
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- Halsted, B. D.** Plants as Water-carriers. Pop. Sci. Mo. 59: 492-496. S 1901.

- Hanausek, T. F.** Einige Bemerkungen zu R. Sadebeck, Ueber die südamerikanischen Piassave-Arten. Ber. Deuts. Bot. Gesells. **20**: (83), (84). 3 Ja 1903.
- Harper, R. M.** A Unique Climbing Plant. Torrey, **3**: 21, 22. 19 F 1903.
- Harris, C. W.** Lichens — *Umbilicaria*. Bryologist, **5**: 89-92. pl. 9. N 1902.
- Harshberger, J. W.** Notes on Fungi. Jour. Mycol. **8**: 156-161. 14 O 1902.
- Hart, J. H.** Some Fungi of the Cacao Tree. West Indian Bull. **1**: 422-427. pl. [O 1900.]
- Hart, J. H.** Cacao Disease: Correspondence, Reports and Notes. Bull. Misc. Inform. Bot. Dept. Trinidad, **30**: 365-383. Au 1901.
- Hasse, H. E.** The Genus *Dirina* in North America. Bull. So. Cal. Acad. Sci. **1**: 26, 27. 3 Mr 1902.
- Hastings, G. T.** Notes on the Flora of Central Chile. Plant World, **6**: 32-34. pl. 7. F 1903.
- Hilder, F. F.** Philippine Forest Products. Forester, **7**: 27-33. F 1901.
- Hitchcock, A. S.** North American Species of *Leptochloa*. U. S. Dept. Agr. Plant Ind. Bull. **33**: 1-24. pl. 1-6. 10 F 1903.
- Hollick, A.** A Fossil Petal and a Fossil Fruit from the Cretaceous (Dakota Group) of Kansas. Bull. Torrey Club, **30**: 102-105. 28 F 1903. [Illust.]  
*Magnolia palaeopetala* sp. nov. and *Ficus neurocarpa* sp. nov.
- Holway, E. W. D.** Notes on Uredineae. I. Jour. Mycol. **8**: 171, 172. 20 D 1902.
- Holzinger, J. M.** Notes on Rare and Little Known Mosses. Bryologist, **4**: 50-52. Jl 1901.
- Hooker, J. D.** *Ruellia macrantha*. Curt. Bot. Mag. **59**: pl. 7872. 1 Ja 1903.  
Native of Brazil.
- Howe, M. A.** Report on a Trip to Nova Scotia and Newfoundland. Jour. N. Y. Bot. Gard. **2**: 177-180. D 1901.
- Jensen, J.** Extermination of the Oaks at Lake Geneva, Wisconsin. Forester, **7**: 63-65. Mr 1901.
- Jones, L. R.** *Bacillus caratovor* n. sp., die Ursache eine weichen Fäulnis der Möhre. Centralb. Bakt. Parasit. Infekt. Abt. **2**: 7: 12-21. 5 Ja 1901; 61-68. 26 Ja 1901.



- Jones, L. R.** Studies upon Plum Blight. Centralb. Bakt. Parasit. Infekt. Abt. 2. 9: 835-841. 15 D 1902.
- Keller, I. S.** Exercises in Botany arranged for the Botanical Laboratory of the Philadelphia High School for Girls. 1-116. 1902.
- Kellerman, K. F.** The Effects of various Chemical Agents upon the Starch-converting Power of Taka Diastase. Bull. Torrey Club, 30: 56-70. 4 F. 1903.
- Kellerman, W. A.** Minor Plant Notes, No. 1. Ohio Nat. 1: 46-48. f. 1, 2. Ja 1901; No. 2. Ohio Nat. 1: 76, 77. Mr 1901.
- Kellerman, W. A.** Minor Plant Notes, No. 4. Ohio Nat. 2: 179-181. Ja 1902. [Illust.]
- Kellerman, W. A.** Variation in *Syndesmon thalictroides*. Ohio Nat. 1: 107-111. pl. 9. My 1901.
- Kellerman, W. A.** Ohio Fungi. Fascicle II. Ohio Nat. 2: 205-213. F 1902.
- Kellerman, W. A.** Ohio Fungi. Fascicle III. Jour. Mycol. 8: 5-11. 31 My 1902; Fascicle IV. Jour. Mycol. 8: 56-62. 30 Je 1902; Fascicle V. Jour. Mycol. 8: 119-125. 14 O 1902.
- Kellerman, W. A.** Proposed Algological Survey of Ohio. Ohio Nat. 2: 219-223. Mr 1902. [Illust.]  
With a list of algae reported as occurring in Ohio.
- Kellerman, W. A.** A New Species of *Cephalosporium*. Jour. Mycol. 9: 5. 14 F 1903. [Illust.]  
*C. dendroides*, from Ohio.
- Kellerman, W. A.** Uredineous Infection Experiments in 1902. Jour. Mycol. 9: 6-13. 14 F 1903.
- Kellerman, W. A. & Tyler, F. J.** Further Additions to the Catalogue of Ohio Plants. Ohio Nat. 2: 279, 280. Je 1902.
- Knowlton, C. H.** Flora of Mt. Saddleback, Franklin County, Maine. Rhodora, 5: 35-38. 31 Ja 1903.
- Kupfer, E. M.** Imperfect Coconuts. Jour. N. Y. Bot. Gard. 2: 69-71. f. 4. My 1901.
- Leavitt, R. G.** Foliar Outgrowths from the Surface of the Leaf of *Aristolochia Siph.* Rhodora, 5: 38, 39. 31 Ja 1903.
- [Léveillé, H.]** Un *Ranunculus* nouveau pour l'Equateur. Bull. Acad. Internat. Géogr. Bot. 10: 209. 1 S 1901.  
*R. Sodiroi* sp. nov.
- Livingston, B. E.** The Distribution of the Upland Plant Societies of Kent County, Michigan. Bot. Gaz. 35: 36-55. 20 Ja 1903.

- Lloyd, C. G.** Mycological Notes. 4: 25-32. *f.* 1, 2. N 1899; 5: 33-48. *f.* 3-22. D 1900; 6: 49-64. *f.* 23-29. My 1901; 7: 65-72. *f.* 30-37. S 1901; 8: 73-80. *f.* 38-46. N 1901.
- Lloyd, C. G.** Mycological Notes. 9: 81-96. *f.* 47-56. Ap 1902; 10: 97-104. *f.* 57-59. S 1902; 11: 105-112. *f.* 60-63. D 1902; 12: 113-120. *pl.* 1-5. D 1902.
- Lloyd, C. G.** Mycological Notes. 13: 121-132. *pl.* 6-9. F 1903.
- Lloyd, F. E.** A Botanical Reconnaissance of the Mississippi Sound Islands and Delta. Jour. N. Y. Bot. Gard. 2: 26-29. F 1901.
- Lloyd, F. E.** Vacation Observations—I. Torreya, 2: 173-175. 25 N 1902;—II. Torreya, 2: 177-180. 8 Ja 1903.
- Lloyd, F. E.** Vacation Observations.—III. Torreya, 3: 5, 6. 26 Ja 1903.
- Loesener, T.** Plantae Selerianae.—IV. Bull. Herb. Boissier, II. 3: 81-97. 31 Ja 1903.  
Includes new species in *Tillandsia*, *Sisymbrium*, *Geranium* (2) and *Fagara*.
- Long, W. H., Jr.** The Ravenelias of the United States and Mexico. Bot. Gaz. 35: 111-133. *pl.* 2, 3. 24 F 1903.  
Includes new species in *Ravenelia* (3), *Pleoravenelia* (gen. nov.; 2) and the new genus *Neoravenelia*, based upon *Ravenelia Holwayi* Diet.
- MacDougal, D. T.** Force Exerted by Swelling Seeds. Jour. N. Y. Bot. Gard. 2: 39-42. Mr 1901. [Illust.]
- MacDougal, D. T.** Report on Explorations in Montana in 1901. Jour. N. Y. Bot. Gard. 3: 8-13. *f.* 1-4. Ja 1902.
- MacDougal, D. T.** Report on an Expedition to Arizona and Sonora. Jour. N. Y. Bot. Gard. 3: 89-99. *f.* 10-17. My 1902.
- MacDougal, D. T.** The Influence of Light and Darkness upon Growth and Development. i-xiii, 1-319. *f.* 1-176. New York, 20 Ja 1903.  
Mem. N. Y. Bot. Gard. v. 2.
- McKenney, R. E. B.** Observations on the Conditions of Light Production in Luminous Bacteria. Proc. Biol. Soc. Wash. 15: 213-234. 20 N 1902.
- Macoun, J. M.** Botanical Notes. Ottawa Nat. 15: 14. 6 Ap 1901; 164. 12 O 1901.
- Macoun, J. M.** Contributions to Canadian Botany. XVI. Ottawa Nat. 16: 211-223. 2 F 1903.
- Macoun, W. T.** Botanical Notes. A Day at Norway Bay, P. Q. Ottawa Nat. 16: 137, 138. 4 S 1902.

- Mathews, F. S.** Field Book of American Wild Flowers. i-xx, 1-552. 24 pl. New York, Ap 1902.
- Maxon, W. R.** A Botanist's Mecca. Plant World, 6: 38. F 1903.
- Messenger, R. E.** The Preservation of our Native Plants. Plant World, 6: 4-9. Ja 1903.
- Mez, C.** Additamenta Monographica 1903. Bull. Herb. Boissier, II. 3: 130-146. 31 Ja 1903.  
Includes new species in *Bromelia*, *Aechmea*, *Billbergia*, *Pitcairnia*, *Dyckia*, *Vriesia* (2), *Thecophyllum* (6), *Catopsis* and *Tillandsia* (8); all American.
- Morgan, A. P.** Notes on North American Fungi. Jour. Mycol. 8: 105, 106. 14 O 1902.
- Morgan, A. P.** A New Genus of Fungi. Jour. Mycol. 8: 169. 20 D 1902.  
*Sporocystis*.
- Morgan, A. P.** The Discomycetes of the Miami Valley, Ohio. Jour. Mycol. 8: 179-192. 20 D 1902.  
Includes new species in *Patellaria*, *Stammnaria*, *Helotium*, *Tapesia*, *Lachnum*, *Hymenaria* and *Peziza* (2).
- Morgan, A. P.** *Lepidoderma Geaster* (Link). Jour. Mycol. 9: 3, 4. 14 F 1903.
- Müller, K.** Neue und kritische Lebermoose. Bull. Herb. Boissier, II. 3: 34-44. 30 D 1902.  
Includes four new American species of *Scapania*.
- Murrill, W. A.** A New Family of the Basidiomycetes. Torreya, 3: 7. 26 Ja 1903.  
Xylophagaceae, separated from the Polyporaceae.
- Murrill, W. A.** The Polyporaceae of North America. II. The Genus *Pyropolyporus*. Bull. Torrey Club, 30: 109-120. 28 F 1903.  
Includes descriptions of ten new species.
- Nash, G. V.** An Unusual Specimen of a West Indian Orchid. Jour. N. Y. Bot. Gard. 3: 145-147. f. 23. Au 1902.
- Neger, F. W.** Beiträge zur Biologie der Erysipheen. Flora, 89: 333-370. pl. 15, 16. 20 My 1901.
- Nelson, A.** The Genus *Hedysarum* in the Rocky Mountains. Proc. Biol. Soc. Wash. 15: 183-186. 6 Au 1902.  
Includes descriptions of three new species.
- Norton, J. B. S.** Notes on some Plants of the Southwestern United States. Trans. Acad. Sci. St. Louis, 12: 35-41. pl. 5-8. 14 My 1902.  
Includes new species and varieties in *Cyperus*, *Argemone*, *Linum* and *Brauneria*.

- Pammel, L. H.** The Northern Extension of a Few Plants. Pharm. Rev. 19: 156. Ap 1901.
- Parish, S. B.** Concerning certain Trees. Bull. So. Cal. Acad. Sci. 2: 155, 156. 26 Ja 1903.
- Pease, A. S.** *Erodium malacoides* at Lawrence, Massachusetts. Rhodora, 5: 39. 31 Ja 1903.
- Peck, C. H.** New Species of Fungi. Bull. Torrey Club, 30: 95-101. 28 F 1903.  
New species in *Lepiota*, *Marasmius*, *Pholiota*, *Flammula*, *Cortinarius*, *Bolbitis*, *Fomes*, *Hydnum* (2), *Clavaria*, *Cytospora*, *Sepedonium*, *Morchella*, *Mitrulioopsis* (gen. nov.), *Helvella*, *Plectania* and *Peziza*.
- Peckolt, T.** Volksbenennungen der brasilianischen Pflanzen und Produkte derselben in brasilianischer (portugiesischer) und der von der Tupisprache adoptiren Namen. Pharm. Arch. 1: 14-17, 97-102, 149-161, 216-228, 237-248. 1898; 2: 12-20, 26-40, 50-60, 78-80, 100, 117-120, 301-312, 328-332, 372. 1899; 3: 18-20, 41-47, 61-68, 181-189. 1900; 4: 28-36, 96-100, 116-120, 137-140, 173-180, 192-200. 1901; 5: 37-40, 76-80, 93-100, 112-116, 125-132. 1902.
- Peckolt, T.** Medicinal Plants of Brazil. Pharm. Arch. 1: 71, 72, 85-92, 127-136, 167, 168, 185-188, 200-208, 229-236. Mr-D 1898; 2: 92-100. My 1899; 3: 141-151, 161-163. Au, S 1900; 4: 41-56. Mr 1901.
- Pinchot, G.** In the Philippine Forests. Forestry & Irrig. 9: 66-72. F 1903. [Illust.]
- Pollard, C. L.** Two New Violets from the Eastern United States. Proc. Biol. Soc. Wash. 15: 201-203. 10 O 1902.  
*Viola tenuipes* and *V. Mulfordae* sp. nov.
- Purpus, C. A.** *Erythea Brandegeei* C. A. Purpus n. sp. Eine neue Palme aus Kalifornien. Gartenflora, 52: 11-13. f. 1, 2. 1 Ja 1903.
- Ramírez, J.** La vegetación de México. 1-273. 2 maps + 8 charts. Mexico, 1899.
- [**Ramírez, J. and others.**] Datos para la Materia Médica Mexicana. 1: 1-157, 1-3, i-iii. 33 pl. Mexico, 1895; 2: i-vii, 1-195. 11 pl. Mexico, 1898; 3: i-iv, 1-157. 9 pl. Mexico, 1900.
- Reiche, C.** Flora de Chile. 1: 1-127. Santiago de Chile, 1895; 1: 129-381. Santiago, 1896; 2: 1-397. Santiago, 1898; 3: 1-427. Santiago, 1902.  
Reprinted, with new pagination, from Anal. Univ. Chile, v. 88-109.

- Ricker, P. L.** Notes on some West American Fungi. Jour. Mycol. 8: 125-128. 14 O 1902. [Illust.]  
With description of *Uromyces Fraserae* sp. nov.
- Riddle, L. C.** Algae from Sandusky Bay. Ohio Nat. 3: 317-319. N 1902.
- Riddle, L. C.** Fasciation. Ohio Nat. 3: 346-348. f. 1, 2. Ja 1903.
- Rowlee, W. W.** Conditions of Plant Growth on the Isle of Pines. Plant World, 6: 34-37. F 1903.
- Rowlee, W. W.** Notes on Antillean Pines with Description of a New Species from the Isle of Pines. Bull. Torrey Club, 30: 106-108. 28 F 1903.  
Includes descriptions of *Pinus recurvata* sp. nov. and *P. Cubensis anomala* var nov.
- [Rusby, H. H.]** The Nature and Uses of the Peanut (*Arachis hypogaea* L.). Jour. N. Y. Bot. Gard. 2: 114-123. f. 9. 10. Au 1901.
- Russell, L. W.** Native Trees; a Study for School and Home. Ed. 7. i-vi, 3-114. Boston, 1898. [Illust.]
- Safford, W. E.** Extracts from the Note Book of a Naturalist on the Island of Guam. — III. Plant World, 6: 25-32. pl. 5, 6. F 1903.
- Salmon, E. S.** A Monograph of the Genus *Streptopogon* Wils. Ann. Bot. 17: 107-150. pl. 8-10. Ja 1903.
- Sanders, J. S.** Interesting Variations in the Appendages of *Podosphaera Oxyacanthae* (DC.) DeB. Jour. Mycol. 8: 170. 20 D 1902. [Illust.]
- Sargent, E.** A Theory of the Origin of Monocotyledons, founded on the Structure of their Seedlings. Ann. Bot. 17: 1-92. pl. 1-7 + f. 1-10. Ja 1903.
- Sargent, C. S.** The Genus *Crataegus* in Newcastle County, Delaware. Bot. Gaz. 35: 99-110. 24 F 1903.  
Includes descriptions of seven new species and two new varieties.
- Sauvageau, C.** Remarques sur les Sphacélariacées. Jour. de Bot. 15: 408-418. f. 36-38. D 1901.  
Includes *Sphacelaria variabilis* sp. nov., from California.
- Schaffner, J. H.** The Maximum Height of Plants, II. Ohio Nat. 1: 39. Ja 1901.
- Schaffner, J. H.** Ohio Tumbleweeds. Ohio Nat. 1: 129. Je 1901; 2: 174. Ja 1902.
- Schaffner, J. H.** On the Use of some Common Botanical Terms. Ohio Nat. 2: 215-218. Mr 1902.

- Schaffner, J. H.** The Maximum Height of Plants, IV. Ohio Nat. 3 : 319. N 1902.
- Schaffner, J. H.** Observations on Self-pruning and the Formation of Cleavage-planes. Ohio Nat. 3 : 327-330. D 1902.
- Schaffner, J. H.** The Flora of Little Chicken Island. Ohio Nat. 3 : 331, 332. D 1902.
- Schaffner, J. H.** Ohio Stations for *Myriostoma*. Jour. Mycol. 8 : 173. 20 D 1902.
- Schaffner, J. H. & Tyler, F. J.** Notes on the Self-pruning of Trees. Ohio Nat. 1 : 29-32. f. 1-4. Ja 1901.
- Schinz, H.** Beiträge zur Kenntnis der Amarantaceen. Bull. Herb. Boissier, II. 3 : 1-9. 30 D 1902.  
Includes *Celosia Persicaria* sp. nov., from Peru.
- Schneider, A.** Contributions to the Biology of Rhizobia—II. The Motility of *Rhizobium mutabile*. Bot. Gaz. 35 : 56-58. 20 Ja 1903.
- Schumann, K.** *Cereus Spegazzini*. Monats. Kakteenk. 12 : 195. 15 D 1902. [Illust.]
- Schumann, K.** Ein neues *Epiphyllum*. Monats. Kakteenk. 13 : 9, 10. 15 Ja 1903. [Illust.]  
*E. delicatulum* N. E. Brown, from Brazil.
- Schumann, K.** Einige Mittheilungen über *Melocactus*-Arten. Monats. Kakteenk. 13 : 10, 11. 15 Ja 1903.
- Seward, A. C. & Ford, S. O.** The Anatomy of *Todea*, with notes on the Geological History and Affinities of the Osmundaceae. Trans. Linn. Soc. Bot. II. 6 : 237-260. pl. 27-30. Ja 1903.
- Seymour, A. B.** *Trichomanes Petersii* found anew. Torreya, 3 : 19-21. 19 F 1903.
- Simkins, J. D.** A Record of Observations on the Dandelion. Ohio Nat. 3 : 334-336. D 1902.
- Small, J. K.** The Rediscovery of *Elliottia*. Jour. N. Y. Bot. Gard. 2 : 113, 114. Au 1901.
- Small, J. K. & Nash, G. V.** Report on a Trip to Florida. Jour. N. Y. Bot. Gard. 3 : 29-35. F 1902.
- Smith, J. D.** Undescribed Plants from Guatemala and other Central American Republics. — XXIV. Bot. Gaz. 35 : 1-9. pl. 1. 20 Ja 1903.  
New species in *Clusia*, *Melochia*, *Microsechium*, *Psychotria*, *Rudgea*, *Eupatorium*, *Sideroxylon*, *Styrax*, *Dianthera*, *Ocotea*, *Croton*, *Zamia*, and *Guzmania*.

- Sprague, T. A.** On the *Heteranthus* Section of *Cuphea* (Lythraceae).  
Ann. Bot. **17**: 159-166. *pl.* 11. Ja 1903.  
Includes descriptions of two new species and two new varieties.
- Stephani, F.** Species Hepaticarum. Bull. Herb. Boissier, II. **1**:  
1121-1151. 31 O 1901; **2**: 35-48. 31 D 1901.  
Includes new American species in *Anastrophyllum* (5) and *Lophozia*.
- Sterling, E. A.** Collecting Jack Pine Seed. Forestry & Irrig. **9**:  
27-32. Ja 1903. [Illust.]
- Stevens, F. L.** Notes on *Sclerospora graminicola*. Jour. Mycol. **9**:  
13. 14 F 1903.
- Stevens, W. C.** Introduction to Botany. i-ix. 1-436. *f.* 1-340.  
Boston, 1902.
- Stevens, W. C.** Introduction to Botany. Key and Flora. 1-127.  
Boston, 1902.
- Sydow, H. & P.** Einige neue Uredineen. I. Oesterr. Bot. Zeits.  
**52**: 182-185. My 1902.  
Includes new American species in *Aecidium* (2) and *Uredo*.
- Sydow, H. & P.** Diagnosen neuer Uredineen und Ustilagineen nebst  
Bemerkungen zu einigen bereits bekannten Arten. Ann. Mycol. **1**:  
15-23. 30 Ja 1903.  
Includes new American species in *Uromyces* (2), *Puccinia* (3), *Peridermium*, *Aecidium*, and *Uredo* (3).
- Sydow, H. & P.** Ueber die auf *Anemone narcissiflora* auftretenden  
Puccinien. Ann. Mycol. **1**: 31-33. 30 Ja 1903.
- Sydow, H. & P.** *Asteroconium Saccardoii* Syd. nov. gen. et spec.  
Ann. Mycol. **1**: 35, 36. 30 Ja 1903.  
On leaves of *Litsea glaucescens* from Mexico.
- Trelease, W.** The Missouri Botanical Garden. Pop. Sci. Mo. **62**:  
193-221. Ja 1903. [Illust.]
- Tyler, F. J.** Rosette Plants of Ohio. Ohio Nat. **2**: 290-294. *f.* 1.  
Je 1902.
- Underwood, L. M.** Report on a Trip to Porto Rico. Jour. N. Y.  
Bot. Gard. **2**: 166-173. *f.* 14. N 1901.
- Underwood, L. M.** An Index to the Described Species of *Botrychium*.  
Bull. Torrey Club, **30**: 42-55. *f.* 1-7. 4 F 1903.  
Includes descriptions of six new species, five of them American.
- Underwood, L. M.** Notes on Southern Ferns. Torreya, **3**: 17-19.  
19 F 1903.
- Van Tieghem, P.** Epiblépharide, genre nouveau de Luxembourgiacées.  
Jour. de Bot. **15**: 389-394. *f.* 1-4. D 1901.  
*Epiblepharis*, gen. nov., with two species, from Brazil.

**Van Tieghem, P.** Setouratée, Campylosperme et Bisétaire, trois genres nouveaux d'Ochnacées. Jour. de Bot. **16**: 33-47. F 1902.

*Setouratea* gen. nov., based upon *Ochna stipulata* Vell., and four species described, all from Brazil.

**Van Tieghem, P.** Constitution nouvelle de la famille des Ochnacées. Jour. de Bot. **16**: 181-212. Je 1902.

A revision of the family, with eleven new American genera based upon previously described species: *Trichouratea*, *Diouratea*, *Plicouratea*, *Hemiouratea*, *Tetrouratea*, *Polyouratea*, *Notouratea*, *Camptouratea*, *Ouratella*, *Gymnouratella* and *Vaselia*; and two based upon new material: *Microuratea* and *Trichovaselia*.

**Van Tieghem, P.** Périblépharide, genre nouveau de Luxembourgiacées. Jour. de Bot. **16**: 289-291. S 1902. [Illust.]

*Périblépharis*, gen. nov., based upon *Luxembourgia Schwackeana* Taubert, from Brazil.

**Waters, C. E.** "Obtusilobata" Forms of some Ferns. Plant World, **6**: 1-4. pl. 1, 2. Ja 1903.

**Waters, C. E.** My Indoor Fernery. Fern Bull. **11**: 6, 7. Ja 1903.

**Watterson, A.** Louise Brisbin Dunn. Torrey, **3**: 3, 4. 26 Ja 1903.

**Wells, W. E.** Adaptability in Ferns. Ohio Nat. **3**: 358, 359. Ja 1903.

**White, C. A.** Petiolate Connation in *Trifolium pratense*. Torrey, **2**: 183, 184. 8 Ja 1903.

**Wilson, P.** Report on a Trip to Porto Rico. Jour. N. Y. Bot. Gard. **3**: 178, 179. O 1902.

**Winton, A. L.** The Anatomy of the Fruit of *Cocos nucifera*. Am. Jour. Pharm. **73**: 538-555. f. 1-11. N 1901.

Reprinted from Am. Jour. Sci. IV. **12**: 265-280. O 1901.